

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior listings of claims in this application.

1.-32. (Canceled)

33. (New) A method comprising:

detecting an off-hook condition of a calling station;

subsequent to detecting the off-hook condition, receiving dialed digits from the calling station,

the dialed digits indicating a call request and a telephone number of a called party;

providing a request to a routing database, the request including at least a portion of the telephone number of the called party;

receiving in response to the request an identity of a gateway to the called party;

sending a first signaling message over a packet-switched data network to the gateway using the identity of the gateway, the first signaling message including the telephone number of the called party and a telephone number of the calling station;

receiving the first signaling message at the gateway;

formulating an SS7 signaling message in response to the first signaling message, the SS7 signaling message including the telephone number of the calling station and the telephone number of the called party;

sending the SS7 signaling message from the gateway over a connection to a public switched telephone network (PSTN) system;

receiving at the gateway over the connection to the PSTN system an indication that the called party is at least one of busy or available;

when the calling party is indicated busy, sending a second signaling message from the gateway over the packet-switched data network indicating the called party is busy;

when the called party is indicated available, sending a third signaling message from the gateway over the packet-switched data network indicating the called party is available;

recording billing information associated with the call request.

34. (New) The method of claim 33, wherein the dialed digits include a unique identifier indicating that the call request be routed over the packet-switched data network.
35. (New) The method of claim 33, wherein the unique identifier is one of a prefix code, an off-hook condition or a PIN number.
36. (New) The method of claim 33, wherein the billing information is associated with the calling station.
37. (New) The method of claim 33, wherein the billing information includes billing on at least one of a flat rate basis or a timed basis.
38. (New) The method of claim 33, wherein the packet-switched network includes the Internet.
39. (New) The method of claim 33, wherein the PSTN is part of a Local Exchange Carrier network.
40. (New) The method of claim 33, wherein the identity of the gateway includes an IP address of the gateway.
41. (New) The method of claim 33, further comprising:
subsequent to detecting the off-hook condition and prior to receiving dialed digits from the calling station, providing dial tone to the calling station.
42. (New) The method of claim 33, further comprising:
receiving the request at an IP address database;
translating the at least a portion of the telephone number of the called party into an IP address of the gateway;
providing the IP address of the gateway to the called party as the identity of the gateway.

43. (New) A method comprising:
detecting an off-hook condition of a calling station;
subsequent to detecting the off-hook condition, providing dial tone to the calling station;
receiving dialed digits from the calling station, the dialed digits indicating a call request and a telephone number of a called party;
providing a request to a routing database, the request including the telephone number of the called party;
receiving in response to the request an address of a called party computing device associated with the telephone number of the called party;
sending a first signaling message over a packet-switched data network to the called party using the address of the called party computing device, the first signaling message including the telephone number of the called party and a telephone number of the calling station;
establishing a voice communication between the calling station and the called party via the packet-switched data network.
44. (New) The method of claim 43, further comprising:
recording billing information associated with the call request.
45. (New) The method of claim 44, wherein the billing information is associated with the calling station.
46. (New) The method of claim 44, wherein the billing information includes billing on at least one of a flat rate basis or a timed basis.
47. (New) The method of claim 43, wherein the dialed digits include a unique identifier indicating that the call request be routed over the packet-switched data network.
48. (New) The method of claim 47, wherein the unique identifier is one of a prefix code, an off-hook condition or a PIN number.

49. (New) The method of claim 43, wherein the packet-switched network includes the Internet.
50. (New) The method of claim 43, wherein the address of the called party computing device includes an IP address.
51. (New) The method of claim 43, wherein the routing database includes a Domain Name System (DNS) service.
52. (New) The method of claim 43, further comprising:
receiving an indication that the called party is at least one of busy or available;
when the calling party is indicated busy, sending a second signaling message over the packet-switched data network indicating the called party is busy;
when the called party is indicated available, sending a third signaling message over the packet-switched network indicating the called party is available.
53. (New) The method of claim 43, further comprising:
receiving the request at the routing database;
translating the at least a portion of the telephone number of the called party into an IP address of the called party computing device;
providing the IP address of the called party computing device as the address of the called party computing device.
54. (New) The method of claim 33, further comprising:
establishing a voice communication between the calling station and the called party via the packet-switched data network.